

On the Isotope Shift in the Spectrum of  
Neodymium, by F. A. Kornlev, Yu. I. Osipov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX,  
No 3, 1956, pp 365-

Amer Inst of Phys  
Sov Phys "Doklady"  
Vol I, No 5

Sci - Physics  
Aug 57

51, 349

Experimental Investigation of Electron Oscillations in Cyclical Accelerators, by F. A. Korolev,  
A. G. Ershov, O. P. Kulikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CLXXIV, No 2,  
1960, 314-317.

AIP  
Sov Phys - Dok  
Vol V, No 5

Sci

152,504

Apr 61

Coherent Light Generators and Amplifiers,  
by F. A. Korolev, 24 pp,  
RUSSIAN, per, Elektrichestvo, No 4, Apr 1966,  
pp. 1-11,  
JPRS 36295

56

F. A. Korolev

USSR  
Sci-Electron  
Jul 66

306,725

The Optical Properties of Dielectric Mirrors of  
Collinear Incident Light, by F. A. Korolev, A. Yu.  
Klement'yeva, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol C, No 3, 1955,  
pp 459-.

CSIR 143

Sci - Phys

131, 394

Nov 60

An Experimental Investigation of the Angular  
Distribution and Polarization of Optical Radiation  
From Electrons in a Synchrotron, by F. A. Korolev,  
V. S. Markov, E. M. Akimov, ~~and~~ O. F. Kulinkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX,  
No 4, 1956, pp 542-

Amer Inst of Phys  
Sov Phys "Doklady"  
Vol 1 No 5

51, 354

Sci - Physics  
Aug 57

On the Hyperfine Structure of the Green Line of  
Mercury, by F. A. Korolev, 2 pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol  
LXXXVIII, No 6, 1953, p 965.

NSF Tr 29

Scientific - Chemistry Jul 53 CTS/DEX

3870

On the Theory of The Compound Stalon (Multiplex),  
by F. A. Korolev, 2 pp.

RUSSIAN, three-mo per, Dokl Akad Nauk SSSR, Vol LXXXVIII  
No 4, 1953, pp 651-652.

W  
P JSP Tr 49

Scientific - Mathematics 55475/DEX

SOIK 220 (edn) M. 725  
4754

Dielectric Mirrors and Their Use in Fabry-Perot  
Etalons, by F. A. Korolev, V. V. Sushanovskiy,  
2 pp.

R Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX,  
No 1, 1955, pp 79,80 CIA C 42053

Columbia Tech Tr

Scientific - Physics  
May 56 CIS/dex

34,672

Methods of Preparing Dielectric Mirrors and  
Interference Light Filters, and a Study of Their  
Optical Properties, by F. A. Korablev, A. Yu.  
Klement'eva, 12 pp.

RUSSIAN, per, Vestnik Moscow U, No 3, 1957,  
pp 65-73.

SLA 59-10186

Sci - Physics

Sep 59

Vol. II, No 2

CIA/FID XX-669 - USIB INTERNAL USE ONLY

98,679

New Methods of Using Multiplex Etalons in High Resolution Spectroscopy, by F. A. Korolev, 3 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Ser Fiz, Vol XIX,  
No 1, 1955, p 78. CIA C 42053

Columbia Tech Tr

34, 449

Scientific - Physics  
May 56 CIE/dex

AEC Tr 2760

207-1-1-02

Highly Monochromatic Dispersion Light Filters, by  
F. A. Korolev, A. Yu. Klement'eva, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCIV,  
No 6, 1954, pp 22 1025-1027.

CIA/TDD/X-1576

USSR

Scientific - Physics

21,997

XEROX  
CTS 66/ Mar 1955

Concerning the ~~operation~~ Operation of Proportional  
Counters, by G. A. Korolev, G. E. Kocharov, 5 pp.

RUSCIAN, per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XXV, No 7, 1961, pp 866-870.

CTT

Sci  
Sep 62

# 210,674

XIBX8XX

Theory and Operation of Proportional Counter, by  
G. E. Kochanski, G. A. Karpov, 3 pp.  
RUSSIAN, per, in At. Rev. Russ., Seriya Fiz., Vol. XXVII, No. 2,  
1962, pp. 200-.

CTT

Sci  
Feb 64

200,404

Attachment Effects of Electrons in the Ionization  
Chamber, I by E. A. Dumaninsky, G. A. Korolev,  
et al, 3 pp.

RUSSIAN, per, Prilozhy i Tekh. Eksp., No 5, 1961,  
pp 51-53.

XXXX DIA

3c1  
Jul 62

205,326

A High-Resolution Ionization Alpha-Spectrometer,  
by G. E. Kocharov, G. A. Korolev, 19 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz,  
Vol XXV, No 2, 1961, pp 237-256.

CTT

Sci

Apr 62

200,343

Energy Spectra of Alpha Particles from the  
Long-Lived Isotopes  $\text{Th}^{232}$  and  $\text{U}^{238}$ , by G. E.  
Kocharov, A. P. Komar, G. A. Korolev, 6 pp.

RUSSIAN, per, Zhur Eksp i Teoret Fiz, Vol  
XXXVI, No 1 (9), pp 68-75.

Amer Inst of Phys  
Sov Phys - JETP  
~~Vol 14 (57), No 1~~

Aug 59

93, 989

Emitters & Minces à Grande Surface (Thin & Emitters  
With Large Surface); by G. A. Korolev, G. E.  
Mechanov, 1 pp.

TRANSLATED TO FRENCH, per, Pribor i Tekh Ekspert, No 5,  
1954, pp 101, 109.

Reverse Trans  
CIA T-8-304

3:1  
27 Oct 40

Fine Structure of the Alpha-Spectrum of Th<sup>229</sup>, by  
G. E. Kocharov, A. P. Komar, G. A. Korolev, I. N.  
Marov, Yu. A. Surkov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,  
No 7, 1959, pp 855-858.

Columbia Tech

Sci

129,340

Oct 60

Investigation of the Lower Excited Levels of  
 $\text{Th}^{230}$  by Observing  $\alpha$ - $\gamma$  Coincidences, by A. P.  
Kamer, G. A. Korolev, G. E. Kocharov, 3 pp.

RUSSIAN, par, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII,  
No 7, 1958, pp 824-826.

Columbia Tech

Sci + Phys

Oct 59

99,340

A Protracted Case of Hoof and Mouth Disease  
in Man, by S. I. Ratner, G. P. Korolev, G. I.  
Gubin, R. P. Komolova, 14 pp, (ID 2029628).

RUSSIAN, no par, Klin Med, No 7, 1956.

ACS, I, G-7463

USSR  
Sci - Medicine

42, 218

<p>Korolev, G. V., Makhonina, L. I., and Berlin, A. A. KINETIC FEATURES OF THE POLYMERIZATION OF SOME POLYACRYLATE ESTERS. Pt. I of Polymeriza- tion In Highly Viscous Media, and Three-Dimen- sional Polymerization. [1961] 8p. Order from ATS \$14.95                           ATS-33N57R</p> <p>Trans. of Vysokomolekulyarnye Soedineniya (USSR) 1961, v. 3, no. 2, p. 198-204.</p> <p>DESCRIPTIONS: *Polymerization, Acrylic acids, *Esters, *Reaction kinetics.</p> <p>(Chemistry--Organic, TT, v. 7, no. 10)</p>	<p>62-12661</p> <p>I. Korolev, G. V. II. Makhonina, L. I. III. Berlin, A. A. IV. Title: Polymerization ... V. ATS-33N57R VI. Associated Technical Services, Inc., East Orange, N. J.</p> <p>268282</p>	<p>Office of Technical Services</p>
---	--	-------------------------------------

Dependence of the Yield of Formaldehyde in the  
Oxidation of Methane on the Concentration of Homogeneous Initiator, the Amount of Inert Gas and the Condition of the Walls of the Reaction Vessel, by N. S. Enikolopian, G. V. Korolev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 5,  
1958, pp 983-986.

Consultants Bureau

Sci - Chem  
Dec 58

77,471

11 715

Fr-1 US-20

KOROLEV G. A., KOCHAROV G. F.

Thin alpha emitters with large surface

Emetteurs alpha minces à grande surface

\*Prib. i Tekhn. Eksp., No. 5, 108-109 (1958)

CEA-tr-R 804. (Fr-1) - French

US-20: English

E u r a t o m

Investigation of Pulses Arising on the Grid of an  
Ionization Chamber, by G. A. Korolev, G. E. Kocharov,  
8 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIV,  
No 3, 1960, pp 357-364

CTT

Sci  
May 61

152, 386

Korolev, G. K.  
CHANGES IN THE CARDIOVASCULAR SYSTEM OF  
DOGS WITH RADIATION SICKNESS INDUCED BY  
URANIUM FISSION PRODUCTS. [1963] [16p] 18refs  
FASEB manuscript no. S 282-3.  
Order from OTS, SLA, or ETC \$1.60 TT-63-24500

Trans. of Meditsinskaya Radiologiya (USSR) 1963, v. 8,  
no. 1, p. 64-70. (Abstract available)

DESCRIPTORS: \*Cardiovascular system, Dogs,  
\*Radiation sickness, \*Fission products, \*Uranium,  
Heart, Blood pressure, Atrophy, Cardiac muscle.

A drop in pulse rate, which is later replaced by tachycardia, occurs in dogs during the first days postirradiation by uranium fission products ingested or inhaled. At the climax of radiation sickness the arterial pressure drops and weakening of the cardiac impulse, dullness of tones, and sometimes a pendulum rhythm (Biological Sciences--Radiobiology, TT, v. 11, no. 4)  
(over)

TT-63-24500

- I. Korolev, G. K.
- II. FASEB-S-282-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, C. C.

Office of Technical Services

(b) (7) D (b) (6)  
Experience in the Prophylaxis and Treatment  
of Mycoses of the Feet, by V. M. Tchitsikov  
in Sovmed. K. M. Tchitsikov, G. M. Tchitsikov

Medicina i Akadem. Voznesensk. Akad. Nauk SSSR  
1961, pp. 70-76.

US JPRS: 7226  
162,518

Sci.  
Eug 61

<p>Korolev, G. V., Smirnov, B. R., and Volkovitinov, A. B. POLYMERIZATION IN HIGHLY VISCOUS MEDIA AND THREE-DIMENSIONAL POLYMERIZATION. IV. A STUDY OF THE RECOMBINATION OF FREE RADICALS IN POLYESTER-ACRYLATE GLASSES BY THE ELECTRON SPIN RESONANCE METHOD. Sep 63, 6p 5refs Order from PP \$140.00/year in Polymer Science USSR, v. 4, no. 3, p. 506-511</p> <p>Trans. of <u>Vysokomolekulyarnye Soedineniya</u> (USSR) 1962, v. 4, no. 11, p. 1660-1664. (Abstract available)</p> <p>DESCRIPTORS: *Acrylic resins, Acrylic acid esters, *Polymerization, Reaction kinetics, Heat of activation, Hardening, Acceleration, *Free radicals, Electron spin resonance.</p> <p>(Chemistry--Physical, TT, v. 11, no. 1) (over)</p>	<p>TT-63-22211-3 (p. 506-511)</p> <p>I. Korolev, G. V. II. Smirnov, B. R. III. Volkovitinov, A. B. IV. Title: Study...</p>	
--	--	--

Korolev, G. V. and Berlin, A. A.  
POLYMERIZATION IN HIGHLY VISCOUS MEDIA  
AND THREE-DIMENSIONAL POLYMERIZATION. III.  
THE MECHANISM OF AUTO-ACCELERATION IN  
THE INITIAL AND MIDDLE STAGES OF THE POLY-  
MERIZATION OF POLYESTER-ACRYLATES. Sep 63,  
7p 5refs  
Order from PP \$140.00/year in Polymer Science USSR,  
v. 4, no. 3, p. 500-506

Transl. of *Vysokomolekulyarnye Soedineniya* (USSR)  
1963, v. 4, no. 11, p. 1654-1659. (Abstract available)

DESCRIPTORS: \*Acrylic resins, Acrylic acid esters,  
\*Polymerization, Reaction kinetics, Acceleration,  
Molecular structure.

A mechanism for the development of auto-acceleration  
during the three-dimensional polymerization of  
(Chemistry--Physical, TT, v. 11, no. 1) (over)

TI-63-22211-3 (p. 500-506)

I. Korolev, G. V.  
II. Berlin, A. A.  
III. Title: Mechanism...

Office of Technical Services

Yields of Formaldehyde and Acetaldehyde in the High-Temperature Oxidation of Ethane, by N. S. Enikolopian, G. V. Korolev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 6, 1958, pp 1138-1141.

Consultants Bureau

Sci - Chem  
Dec 58

77,476

<p>Korolev, G. V. and Mogilevich, M. M. INVESTIGATING THE FILM-FORMING ABILITY OF SOME POLYESTER ACRYLATES. Aug 63. Order from TTIS \$21.00                    TTIS NS 120  Trans. of Lakokrasochnye Materialy i ikh Primenenie (USSR) 1963, no. 2, p. 12-16.  DESCRIPTORS: *Polyester plastics, *Acrylic resins, *Films, Plastic coatings.  (Materials--Finishes, TT, v. 10, no. 10)</p>	<p>63-22267 I. Korolev, G. V. II. Mogilevich, M. M. III. TTIS NS-120 IV. Translation and Technical Information Services (Gt. Brit.)  A252341  Office of Technical Services</p>
---	--

Korolev, G. V., Berlin, A. A., and Kefeli, T. Ya.  
POLYMERIZATION IN HIGHLY VISCOUS MEDIA  
AND THREE-DIMENSIONAL POLYMERIZATION. II  
THE INITIAL STAGE OF POLYMERIZATION OF  
POLYESTER-ACRYLATES. Sep 63, 9p 11refs  
Order from PP \$140.00/year in Polymer Science USSR,  
v. 4, no. 3, p. 482-490

Trans. of Vysokomolekulyarnye Soedineniya (USSR)  
1962, v. 4, no. 10, p. 1520-1527. (Abstract available)

DESCRIPTORS: \*Acrylic resins, Acrylic acid esters,  
\*Polymerization, Reaction kinetics, \*Catalysts,  
Carbonates, Degradation.

The initial rate,  $w_0$ , of polymerization (initiated by  
dicyclohexylperoxydicarbonate) of polyester-acrylate  
oligomers was measured by the thermometric method  
at 50°. The oligomers differed in the length and nature  
(Chemistry--Physical, TT, v. 11, no. 1) (over)

TT-63-22211-3 (p. 482-490)

- I. Korolev, G. V.
- II. Berlin, A. A.
- III. Kefeli, T. Ya.
- IV. Title: Initial...

Office of Technical Services

Korolev, G. V. and Berlin, A. A.  
POLYMERIZATION IN HIGHLY VISCOUS MEDIA  
AND THREE-DIMENSIONAL POLYMERIZATION. III.  
THE MECHANISM OF AUTO-ACCELERATION IN  
THE INITIAL AND MIDDLE STAGES OF THE POLY-  
MERIZATION OF POLYESTER-ACRYLATES. Sep 63,  
7p Srefs  
Order from PP \$140.00/year in Polymer Science USSR,  
v. 4, no. 3, p. 500-506

Trans. of Vysokomolekulyarnye Soedineniya (USSR)  
1962, v. 4, no. 11, p. 1654-1659. (Abstract available)

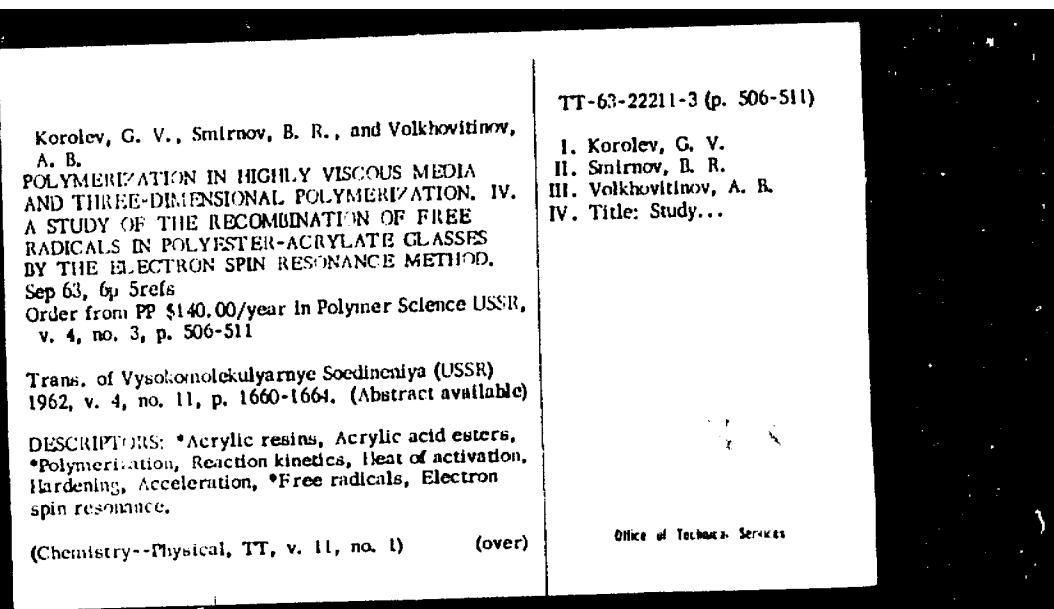
DESCRIPTORS: \*Acrylic resins, Acrylic acid esters,  
\*Polymerization, Reaction kinetics, Acceleration,  
Molecular structure.

A mechanism for the development of auto-acceleration  
during the three-dimensional polymerization of  
(Chemistry--Physical, TT, v. 11, no. 1) (over)

TT-63-22211-3 (p. 500-506)

I. Korolev, G. V.  
II. Berlin, A. A.  
III. Title: Mechanism...

Office of Technical Services



KOROLEV, Lt. Col I

Periodical, Voennyye  
Vestnik, 1949, No. 13  
to R-1696-50, D/G-2

The Signal Corps of  
the Soviet Army

Military-Signal Corps

ID 722703

USSR

Russian

UNCLASSIFIED

ID GSUSA F-4487 D

Dec 1950 CTS

A15845

19

Description of the Action of Polymerized Butadiene  
and Their Application as a Lubricant or the Type of  
Steel by L. L. Campbell, W. A. Vining, et al., 15 pp.  
RECORDED, 1945, COMM. SECURITY BUREAU KINSEY, REG. 2, 1944  
REF 35-46  
SPRS 25030

Sci - Agric. Chem  
AM/64

264, 753

Korolev, L. I., Voitekhova, V. A., and Stenov, L. D.  
NEW CHEMICAL SUBSTANCES FOR PRE-HARVEST  
ELIMINATION OF THE LEAVES OF THE COTTON  
PLANT. [1961] 11p. (1 table omitted)  
Order from OTS or SLA \$1.60

61-20707

Trans. of Vestnik Sel'skokhozyaistvennoi Nauka (USSR)  
1958, v. 3, no. 1, p. 82-91.

DESCRIPTORS: \*Plants, \*Cotton

61-20707

- I. Title: Defoliants
- II. Korolev, L. I.
- III. Voitekhova, V. A.
- IV. Stenov, L. D.

209051

Office of Technical Services

New Preparations for Weed Control (In Grain Fields),  
by L. I. Korolev, In. Yu. Starosel'skii

RUSSIAN, per, Agrobiologiya, 4:170-172. 20/Aug-1972  
20 Ag822.

USDA TR 372

Economic - Agriculture  
Scientific - Biology

1361

(FDD 29217)

Experiments in Automatic Translation on the BESM  
Electronic Computer (USSR), by G. P. Zelenkevich,  
L. N. Korolev, S. M. Razumovskiy, 14 pp.

RUSSIAN, no per, Priroda, Moscow, Aug 1956,  
pp 81-85.

CIA/FDD U-9024

41, 014

USSR  
Sci - Electronics, KEDDIX Computer Applications  
Oct 56

Certain Problems of Automatic Translation, by  
I. K. Bel'skaya, L. N. Korolev, I. S. Moshkin,  
G. Yu. Panov, S. N. Razumovskiy, 20 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 12, 1956,  
pp 24-33.

ATIC F-TS-9118/V

Engineering  
Mar 57

46, 475

(DC-3901)

Selection of a System of Instructions for  
a Three-Address Computing and Logical  
Machine With a Floating Point, by Yu. A.  
Golubkov, L. N. Korolev, A. V. Lebedev,  
39 pp.

RUSSIAN, bk, O Vybore Sistemy Komand  
Dlya Trekhadresnoy Vychislitel' i Logicheskoy  
Mashiny Plavayushchey Zappyatory" 1961,  
40 pp.

181, 309

JPRS 11985

Sci - Misc , Machine Translation

Some Methods of Automatic Coding for BESM and Strela  
Computers, by L. N. Korolev, 31 pp.

RUSSIAN, bk, publ by the Inst of Exact Mechanics and  
Computing Technique, the Academy of Sciences of the  
USSR, Moscow, 1958.

CIA/PDD X-3047

Sci - Engr  
Sep 58

74, 922

S-437/60

(NY-4264)

An Automatic-Differentiation Progr. n for the BESM  
Computer, by L. M. Beda, L. N. Korolev, N. V.  
Sukhikh, T. S. Frolova, 24 pp.

RUSSIAN, pamphlet, Elektronnye Vychislitel'nyye  
Mashiny, 1959, 19 pp.

JPRS 5782

Sci - Electron

129,013

Oct 60

S-93/60

(NY-3557)

A Program of Automatic Differentiation for the BESM  
Computer, by L. M. Vega, L. N. Korolev, N. V.  
Sukhikh, T. S. Frolova, 14 pp.

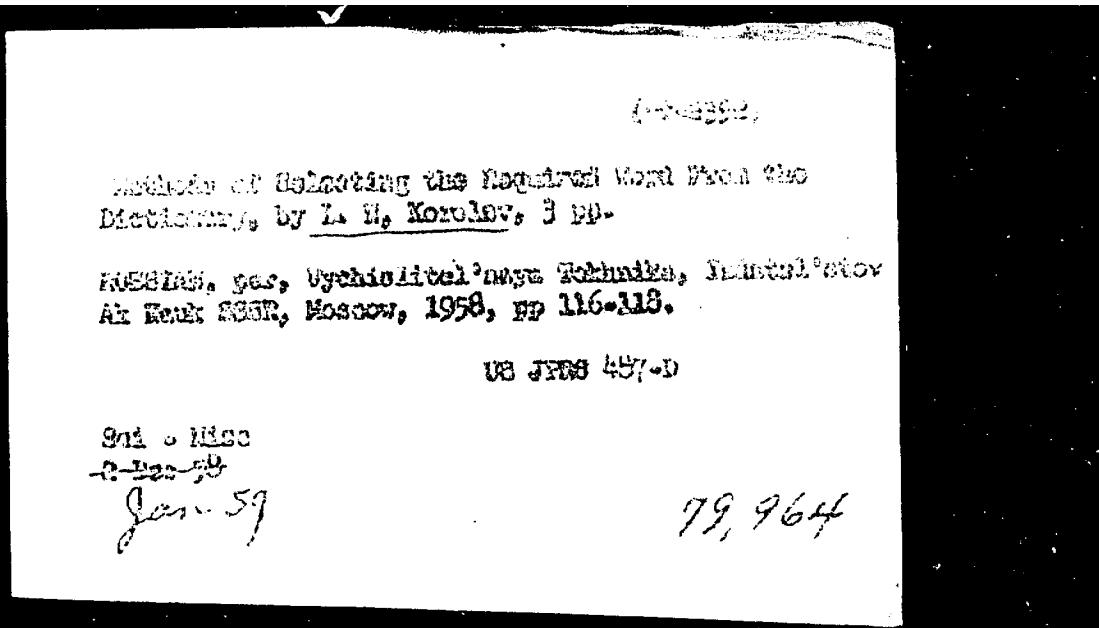
RUSSIAN, brochure, Programma Avtomaticheskogo  
Differentsirovaniya dlya Mashiny BESM, 1959, 19 pp.

JPRS 2696

118,879

Sci - Electronics

Jun 60



Coding and Code Compression, by L. N. Korolev, 4 pp.

RUSSIAN, zhizn per, Dok Ak Nauk SSR, Vol CXXII,  
No 4, 1957, pp 746-747.

SLA R-1969

Sci - Phys

54, 988

Nov 57

Morris N. Friedman

Automation Express

Vol 1, No 21

International Physical Index

SLA R-2 R-3541

(DC-3901/20)

The Translation Machine of P. P. Troyanskiy,  
by D. Yu. Panov, L. N. Korolev, 15 pp.

RUSSIAN, monograph, Perevodnaya Mashina, 1959,  
pp 41-51.

JPRS 3797

Sci - Misc

Sep 60

1025, 676

On a  $\sqrt{x}$  Switching Function for a Unit which Performs  
Search According to a Table, by L. N. Korolev.

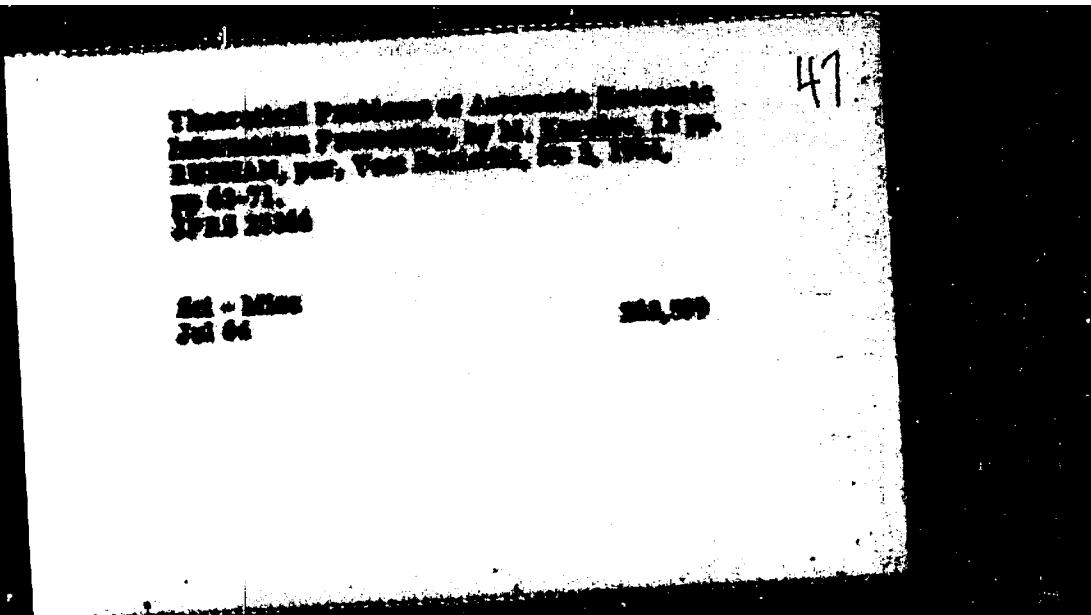
RUSSIAN, per, Dok Nauk, Vol CXX, No 3, Mar 1959,  
pp 482-484.

Internat'l Physical Index  
Automation Express  
Vol. I, No 10

Sci

Aug 59

93, 870



SAMARIN, A.  
KOROLEV, M.

Metallurg, vol. 13, No. 2, pages 77-81, 16 figures, 7  
tables; 2900 words; 1938.

Experiments on the Saturation of Ferrochromium with  
Nitrogen.

Bruncher Trans., Order No. 696, \$2.90

115846

*(Handwritten)*  
Chernin-Penskritis and Medvedev's article of  
the American S. A. in the Philippines and U.S.  
S. A. in Asia

RUSSIAN, inc per, Voenno Med Zhur No 4,  
Moscow, Apr 1961, pp 27-33

US IPRE: #786

SCI  
Aug 61

162523

High Temperature Strength of High-Chromium  
Nitrogen-Alloyed [Stainless] Steel, by M. L.  
Korolev.

RUSSIAN, per, Iz Vysashikh Ucheb Zaved, Chern Metal,  
No 3, 1960, pp 153-158.

HB 4902

Sci - Chem

Sep 60

127,045

Structure and Properties of Nitrogen-Bearing Chromium Metal and Ferrochromium, by M. L. Korolev.

UNCLASSIFIED

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 10,  
1953, pp 1465-1470.

Brutcher Tr 3264

Scientific - Minerals/Metals

Price \$5.90

11,957

Favorable Effect of Economic Reform  
on Motor-Transport Enterprises, by  
N. Korolev, 6 pp.  
RUSSIAN, newspaper, Ekonomicheskaya  
Gazeta, No. 2, Moscow, Jan 68, p. 21.  
JPRS 44,535

USSR  
Economic  
Feb 68

351,845

(CSO: 1840-N)

Reserves of Automotive Transportation, by N. Korolev,  
6 pp.

NP  
RUSSIAN, ~~new~~, Ekonomicheskaya Gazeta, No 25 (46),  
Moscow, 16 Jun 1962, p 36.

JPBS: 15,206

USSR  
Econ  
Sep 62

211, 032

16  
Rescue work in Contaminated Areas described.  
by A. Burikov, N. Korolev, 10 pp.  
RUSSIAN, per, Vozvoshchenie Zemliy, Moscow,  
May 1969, pp 18-20.  
JPRS 48431

N. KOROLEV

USSR  
SAC  
Jul 69

386,474

Approximate Determination of Auto-Oscillation  
Parameters in Relay Systems with Lagged Feedback, by  
N. A. Korolev, 5 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 11, 1959,  
pp 1467-1471.

Instr Soc of Amer

Sci - Eng  
Jul 60

120, 931

Compensation of Delay in a Relay System, by  
E. A. Korolev, 7 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XIII,  
No 5, 1961, pp 605-612.

IBA

198,169

Sci

Apr 62

Cold Welding of Cast Iron Components of  
Agricultural Machinery, by L. G. Livshits, N. A.  
Korolev, 4 pp.

RUSSIAN, per, Svaroch Proiz, No 10, 1961,  
pp 38-40.

BWRA

Sci

Oct 62

214,435

Section Electrification of Relay Automatics Manual  
systems, by N. A. Korolev, 12 p.

Moscow, 1952, Avtomat i Telemech., Vol. XXVII, No. 1  
1951, pp 397-408.

Instru Soc of Russ

Sci

Feb 60

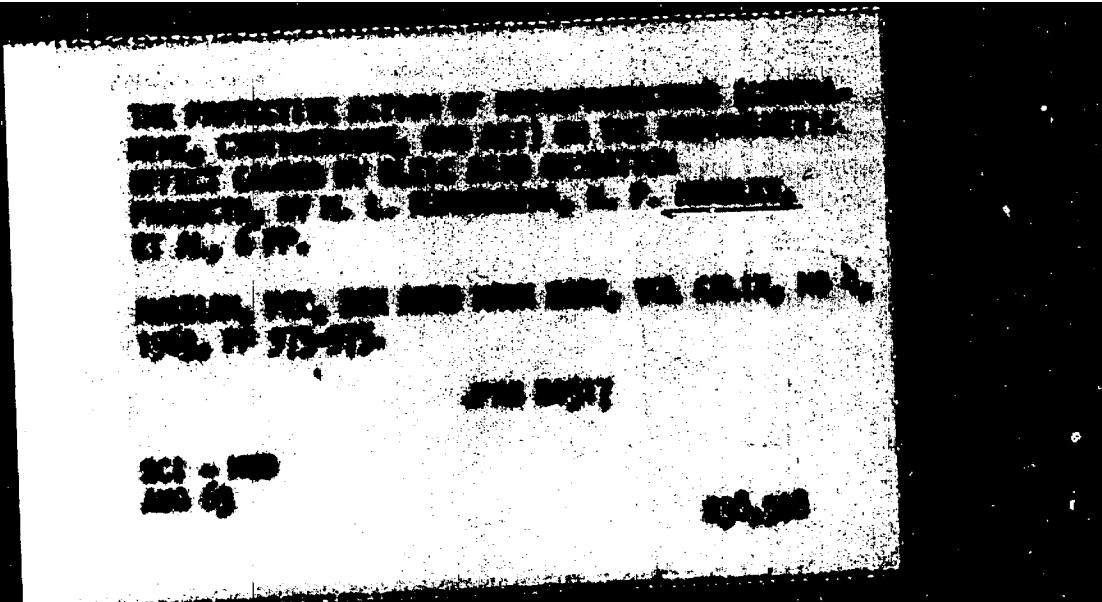
108, 773

Landing Approach Under Adverse Weather  
Conditions, by Col A. I. Konyukhov,  
N. N. Korolev, B. E. Rapoport, B. Ya.  
Makhal'dianin, 16 pp.

RUSSIAN, no per, Vest Voz Flota, No 8,  
1956, pp 29-44. Encl to IR-1096-57.  
AFOLIN-1A1.

AF 1076144

Sci - Aeronautics 44, 705  
Mar 57 CIS/dex



A New Interference Device for Measuring the Resistance  
of Glasses to Alkali, by N. V. Korolev, V. S. Molchanov,  
3 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 7, 1961,  
pp 913-915.

ISA

Sci  
May 62

194,718

An Arrangement for Cytospectrophotometry, by  
N. V. Korolev and L. S. Agroskin, 4 pp.

RUSSIAN, no per, Biofiz, Vol II, No 4, 1957,  
no 513-157.

Pergamon Inst

Sci - Biol

Jul 58

67,489

Fluorescence of Nucleic Acids in Solution, by  
L. C. Agroskin, N. V. Korolev, I. S. Kulayev,  
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVI,  
No 1, 1961, pp 226-229.

AIBS

Sci

169, 926

Sep 61

Coacervates Containing Purine and Pyrimidine  
Compounds, by T. N. Evreinova, N. V. Korcik,  
and L. G. Agroskin, 5 pp.

RUSSIAN, per, Biofiz, Vol IV, No 1, 1959,  
pp 27-31.

Pergamon Press

Sci

10/ 953

Dec 59

UV ~~MEER~~ Microscope-Spectral Fluorimeter, by  
L. S. Agrekin, N. V. Korolev, 8 1961.  
RUSSIAN, per, Biofizika, Vol VI, No 4, 1961.  
Elsevier Pub. Co.

Sci  
Jul 62

205,315

Jan 61

Ultraviolet Fluorescence of Nucleic Acids and  
Polyphosphates, by L. S. Agroskin, M. V. Korolev,  
I. S. Kulayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 6,  
1960, pp 1440-1443.

AIDS

Sci  
Feb 61

140,499

Determination of the Degree of Inactivation of  
Cholinesterase by a Histo-Spectrophotometric  
Method, by V. V. Sokolovskiy, M. V. Korol'ev,  
9 pp.

RUSSIAN, per, Tsitologiya, Vol I, No 2, 1959,  
pp 177-182.

NIH 6-36

Sci - Med

Jun 59

90, 296

Photoluminescence of PbS in the Infrared, by L. N.  
Galkin, N. V. Korolev

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,  
No 3, 1953, p 329.

NSF 151

Scientific - Physics  
CIS/BUX

85 33

143  
Promising Fungicides, by A. Shishkov, P. Korolev,  
5 pp.  
RUSSIAN, per. Apparatus Instituta fitofiziologii  
I. Polozova, no 6, 1965, pp 26-25, 7100, 0007  
171-51-07-006

Sov-Agril  
Jan 68

P Korolev

30.6.72

(SF-1879)

The Use of Hexachlorane in Insecticidal Aerosols, by  
G. P. Luchinskiy, K. S. Tolstov, P. A. Korolev,  
6 pp.

RUSSIAN, per, Khim Prom, No 4, 1961, pp 13-15.

JPRS 10302

174, 038

Sci - Chem

Nov 61

The Possibility of Further Generalization of  
Single-Circuit LC-Oscillators in Quasi-Linear  
Theory, by P. G. Korolev, 13 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol IV, No 2,  
1959, pp 262-271.

PP

Sci  
Sep 60

127,483

KOROLEV, P. G.

Device for the Mechanical Testing of Piston  
Rings.

ZAVODSKAYA LABORATORIYA, vol 14, 1948, No 10,  
p 1271, 250 words.

Brutcher No 2354, \$ 1. 70

A 5847

Spirograph, by R. V. Korolev

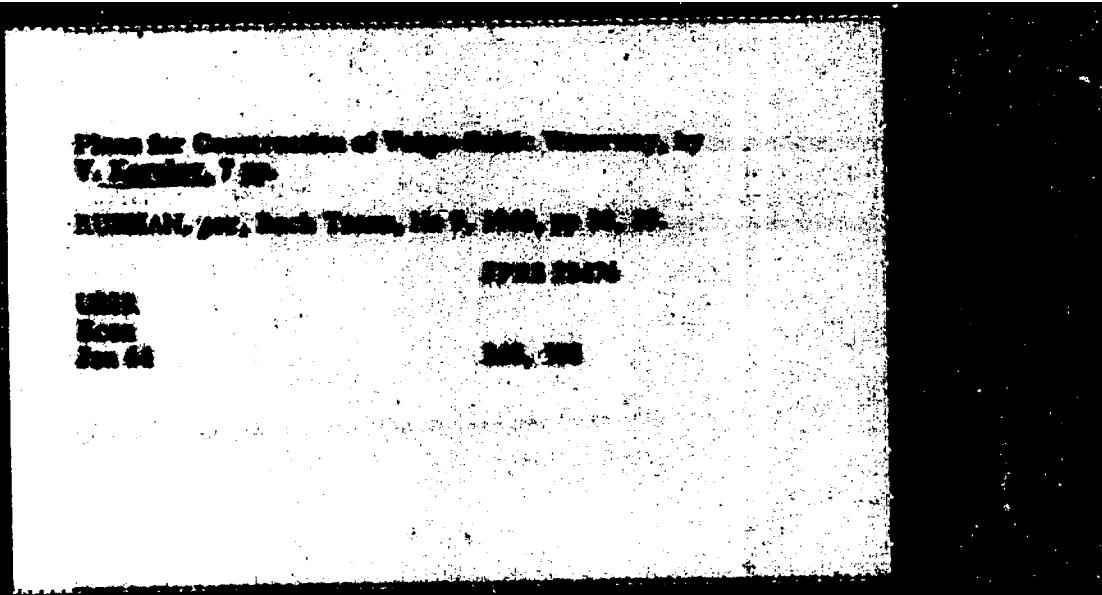
RUSSIAN, mo per, Voyenno Med Zhur, No 11,  
Moscow, Nov 1959, pp 85-86

US JPRS 2183-N

Sci

Jan 60

107180



The Flight Critique, by V. Korolev, Yu. Turubiner,  
6 pp. FOR OFFICIAL USE ONLY

RUSSIAN, par, Aviatsiya i Kosmonavtika, No 8,  
1963. 9692279

FTD-ST-63-3

Sci

Astr. Sp

255,920

Saviours, by V. Korolev

RUSSIAN, no per, Voyenne Med Zhur,  
No 12, Moscow, Dec 1958, pp 71-73

US JPRS 1297-N

Sci - Med  
Mar 59

81, 95-6

A Method for Measuring the Transparency Coefficient of  
the Grid in a Pulse Ionization Chamber, by A. A.  
Vorob'ev, V. A. Korolev. 3 pp.

RUSSIAN, per, Pribory i Tekhnika, No. 2, 1961, pp. 78-79

148

191,883

Sci

Mar 62

Grid-Current Measurements in Tubes Used in  
Low-Noise Amplifiers, by A. A. Vorob'ev,  
V. A. Korolev, G. E. Solyakin, 5 pp.

RUSSIAN, per, Pribory Tekh Eksper, No 1, 1959,  
pp 85-88.

Instru Soc of Amer

Sci

Apr 60

114,086

Selection of the Optimum Band Pass in an Amplifier  
Operating With an Ionization Chamber, by A. A.  
Vorob'yev, V. A. Korolev, G. Ye. Solyakin, 17 pp.

RUSSIAN, per, Pribory i Tekhnika Eksperimenta, No 2,  
1959, pp 95-102.

USASIA SC-59z/59

Sci - Electronics

Apr 60

114, 366

An Investigation of the Isotopic Composition of  
Uranium In Rare Earth Minerals, by Yu. A.  
Surkov, A. A. Vorobyev, V. A. Korolev, V. D.  
Vilenskiy, 12 pp.

RUSSIAN, per, Atomnaya Energ, Vol IX, 1960,  
pp 477-482.

AEC Tr-4615

Sci - Min/Met  
Aug 61

165, 391

On the Possibility of Reducing the Magnitude of the  
Ionization Fluctuation in Gases, by A. A. Vorob'ev,  
A. P. Komar, aa V. A. Korolev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVII,  
Nos 1-3, 1961, pp 54-57.

AIP  
Soviet Physics  
Vol VI, No 3

Sci

169, 319

Sep 61

Study of Properties of Argon-Methane Mixture as  
Filler for Ionization Chamber, by A. A.  
Vorob'yov, V. A. Kurolev, & N.

ISSIAN, no. Pribery i Tekhnika, No 4,  
1961, pp 42-46.

DIA

Sci

Jun 62

198,839

Magnetic Gauss Directional Correlation in the ThC  
( $\beta\bar{\nu}$ ) 200°, by V. A. Korolev, L. A. Kul'chitskii, A. I.  
Chernovet, 4 pp.

RUSSIAN, no pag, Iz Ak Nauk SSSR, Ser Fiz, Vol XX,  
No 12a, 1956, pp 1451-1454.

Columbia Tech

Sci - Physics  
Mar 58

59, 662

Heterogenization of Duralumin Ingots in Modern  
Electric Furnaces With Air Circulation, by  
A. I. Kolyashnikov, V. D. Korolev.

RUSSIAN, per, Tsvetnye Metally, No 4, 1959,  
pp 64-69.

OSIR LIB M.1201  
(loan)

Sci. - Min/Met  
Aug 60

\*ATIC MCL-271/III

122,543

New Developments in the Technology of Producing  
Aluminum and Aluminum-Alloy Sheets, by A. I.  
Kolyashnikov, V. D. Korolev, 48 pp.

RUSSIAN, bk, Peredovoy Nauchno-Tekhnicheskiy i  
Proizvodstvennyi Opyt, Tema 5, No M-58-179/9, 1958,  
pp 3-47.

OTS 60-51089  
PL-480

198, 206

Sci - Engr.

May 62

PST 391

New Ways in the Fabrication of Sheetings From  
Aluminum and its Alloys, by A. I. Kolpashnikov,  
Dzyn-Min-Guan, V. D. Korolev, 12 pp.

RUSSIAN, per, Tsvetnyye Metally, No 5, 1958,  
pp. 62-70.

{ Sci - Minerals/Metals  
Feb 59

00074059-1286  
Primary Sources  
11 Bleeker ST  
N.Y.

5.00

81,612

Milking Machine With Controlled Pressure in the  
Interparietal Space of Teat Cups, by V. F. Korolev,  
USSR.

RUSSIAN, patent No 117,465.

Patent Office

6cl - Engr  
ov 63

242,466

The Bihydrate of Sodium Chloride, by V. P. Ilinsky,  
V. P. Korolev, and E. I. Akumov, 9 pp.

Full translation

RUSSIAN, no per, Zhur Prik Khim, Vol XXV, No 5, May  
1952, pp 507-515.

Consultants Bureau

Sci - Chem

Dec 53 CIS

7588

Small Elastoplastic Deformations of Plates and  
Shells, by V. I. Korolev.  
RUSSIAN, ser, Prikl Mekh, Vol 4, No 4, 1968,  
pp 16-24.  
CIA X-6699

V. I. Korolev

August 68

357,514

INTRICATE INVESTIGATION CONDUCTED BY V. M. KERZHNIKOV,  
V. N. STEPANOV, 110 PP.

RUSSIAN, MR. FABRICATING LIST OF NO. VIOLATION HISTORY  
MOSCOW, RUSSIA, 1948, PP. 1-153

4706 22909

SCI-MET & MET  
JAN 69

205.111

On the Problem of Converting Sizing Machines to  
Gas, by V. M. Korolev, R. V. Shingarev, et al.,  
6 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved,  
Tekh Tekstil Prom, No 3(16), 1960.

Textile Institute

Sci

May 62

193,003